

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE ☒ WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB REPORT/abd \_\_\_\_\_

DATE FILED 12-29-83

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO

U-02139

INDIAN

DRILLING APPROVED: 1-3-84 - OIL/GAS (Cause 102-16B)

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5063' GR

DATE ABANDONED: 2-1-85 Application rescinded

FIELD: 786 GREATER CISCO

UNIT:

COUNTY: GRAND COUNTY

WELL NO FEDERAL 25-5

API #43-019-31125

LOCATION 1969' FNL FROM (N) (S) LINE. 886' FWL

FT. FROM (E) (W) LINE.

SWNW

1/4 - 1/4 SEC.

25

TWP

RGE.

SEC.

OPERATOR

TWP

RGE

SEC.

OPERATOR

20S

21E

25

NP ENERGY CORP.



November 16, 1983

Bureau of Land Management  
Moab District Office  
P.O. Box 970  
Moab, Utah 84532

Gentlemen;

It has come to our attention that the following APPLICATION TO DRILL are expired or are soon to be expired.

In contacting your office, the procedure to renew the applications (assuming there are no changes) requires the resubmittal of form 9-331-C for each of the wells.

NP Energy Corporation hereby resubmits the following APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK for the following wells:

Federal 15-6  
Federal 13-6  
Federal 22-2  
Federal 23-7  
Federal 25-5

Should you require further information, please contact our office.

Sincerely,

Robyn Marshall  
Assistant Secretary

rdm/



*Haylyn* m  
*Please check  
State status of  
APD's*

November 16, 1983

State of Utah  
Natural Resources & Energy  
Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Gentlemen,

Enclosed please find a copy of a letter to the BLM to request the approval of Drilling Permits that are expired or are soon to be expired.

Also enclosed are copies of the APD for the following wells:

Federal 13-6  
Federal 15-6  
Federal 22-2  
Federal 23-7  
Federal 25-5

Please contact our office for any information that your office requires for the State files.

Sincerely,

Robyn Marshall  
Assistant Secretary

rdm/

UNITED STATES\*  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☒

\*OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☒

3. NAME OF OPERATOR

NP ENERGY CORP.

4. ADDRESS OF OPERATOR

11340 W. Olympic Blvd. Ste. 175 LA CA 90064

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1969' FNL, & 886' FWL of Sec. 25

At proposed prod. zone

Approximately same.

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

17.2 miles Northwesterly of Cisco, Utah.

7. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any)

886'

8. NO. OF ACRES IN LEASE

2240

9. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

10. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320' +

11. PROPOSED DEPTH

2750'

12. ROTARY OR CABLE TOOLS

Rotary

13. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR. EL. 5063'

14. APPROX. DATE WORK WILL START\*

12/15/83

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	100+ sx cement circ. to surface
6 3/4"	4 1/2"	10.5#	thru all pay zones - cement to 200' above Kd	

Casing and cementing programs will be adjusted to protect coal resource and fresh water aquifers. A flare will be maintained at the end of the Blooie Line at all times while drilling below 1500', to insure no gas will be missed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat "A<sub>1</sub>" Staking request(PER letter)
- "B" Ten-Point Compliance Program
- "C" Blowout Preventer Diagram
- "D" Multi-Point Requirements for APD
- "E" Route & Distance Road Map
- "F" Access Road and Radius Map of Wells in Area
- "G" Drill Rig Layout with contours "G<sub>1</sub>" Cross-Sections of Drill Pad
- "H" Drill Rig Layout
- "I" Production Facility Layout
- "J" Rehabilitation Plan
- "K" Landowners Agreement

IN ADDITIONAL SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Bob Kaganian TITLE President DATE 11/7/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY /s/ Kenneth V. Rhea TITLE Associate DISTRICT MANAGER DATE DEC 05 1983

CONDITIONS OF APPROVAL, IF ANY:

THIS REAPPROVAL IS SUBJECT TO ALL OF THE CONDITIONS OF APPROVAL  
ORIGINALLY APPROVED ON November 15, 1982.

REC'D. MDONOV 30 1983

UNITED STATES\*  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-02139
2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. NAME OF OPERATOR NP ENERGY CORP.		7. UNIT AGREEMENT NAME N/A
4. ADDRESS OF OPERATOR 11340 W. Olympic Blvd. Ste. 175 LA CA 90064		8. FARM OR LEASE NAME FEDERAL
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1969' FNL, & 886' FWL of Sec. 25 At proposed prod. zone Approximately same. <i>SW NW</i>		9. WELL NO. FEDERAL # 25-5
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17.2 miles Northwesterly of Cisco, Utah.		10. FIELD AND POOL, OR WILDCAT - CISCO DOME <i>GR. CISCOD</i>
11. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 886'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 25 T20S, R21E, S.L.M.
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320' +		12. COUNTY OR PARISH GRAND
13. ELEVATIONS (Show whether DF, RT, GR, etc.) GR. EL. 5063'		13. STATE UTAH
14. NO. OF ACRES IN LEASE 2240		14. NO. OF ACRES ASSIGNED TO THIS WELL 80
15. PROPOSED DEPTH 2750' <i>Extra</i>		15. ROTARY OR CABLE TOOLS Rotary
16. APPROX. DATE WORK WILL START* 12/15/83		

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	100+ sx cement circ. to surface
6 3/4"	4 1/2"	10.5#	thru all pay zones	- cement to 200' above Kd

Casing and cementing programs will be adjusted to protect coal resource and fresh water aquifers. A flare will be maintained at the end of the Blooie Line at all times while drilling below 1500', to insure no gas will be missed.

## EXHIBITS ATTACHED:

- "A" Location and Elevation Plat "A<sub>1</sub>" Staking request(PER letter)
- "B" Ten-Point Compliance Program
- "C" Blowout Preventer Diagram
- "D" Multi-Point Requirements for APD
- "E" Route & Distance Road Map
- "F" Access Road and Radius Map of Wells in Area
- "G" Drill Rig Layout with contours "G<sub>1</sub>" Cross-Sections of Drill Pad
- "H" Drill Rig Layout
- "I" Production Facility Layout
- "J" Rehabilitation Plan
- "K" Landowners Agreement

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Bob. Kazarian TITLE President DATE 11/7/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/8/83  
BY: [Signature]



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

file  
Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

November 25, 1983

NP Energy Corporation  
11340 West Olympic Blvd.  
Suite 175  
Los Angeles, CA 90064

Gentlemen:

This is in reference to your letter of November 16, 1983 concerning your request for approval of drilling permits for Federal wells 13-6, 15-6, 22-2, 23-7 and (25-5) in Grand County, Utah.

At this time Federal 22-2 is the only well that is currently permitted through this office.

Our records indicate Federal wells 13-6, 15-6, 23-7 and 25-5 were changed to read Location Abandoned and have not been drilled as of October 28, 1982.

In order to permit these four wells, we need you to submit new applications for Permit to Drill with the same attachments you send to the BLM.

If we can be of further assistance, please do not hesitate to call on us.

Sincerely,

Arlene Sollis  
Administrative Assistant

AS:sw



December 22, 1983

**RECEIVED**  
DEC 28 1983  
DIVISION OF  
OIL, GAS & MINING

State of Utah  
Natural Resources  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Attn: Arlene Sollis

Re: Drilling Permits  
Federal Wells  
13-6, 15-6, 22-2, 23-7 & 25-5

Dear Ms. Sollis:

In reference to your letter dated November 25, 1983 regarding the wells listed above, I have enclosed copies of permits along with all back up furnished to the BLM.

If you are in need of any additional information, please do not hesitate to call.

Thank you.

Sincerely,

Annette R. Whatley

ARW/s  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☒ OTHER ☐ SINGLE BORE ☐ MULTIPLE BORE ☒

3. NAME OF OPERATOR  
NP ENERGY CORP.

4. ADDRESS OF OPERATOR  
11340 W. Olympic Blvd. Ste. 175 LA CA 9C064

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

31. SURFACE  
1969' FNL, & 886' FWL of Sec. 25

32. PROPOSED PROD. ZONE  
Approximately same.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
17.2 miles Northwesterly of Cisco, Utah.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY ON LEASE LINE, FT.  
(Also to nearest drg. unit line, if any) 886'

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, MEASURING, COMPLETED, OR APPLIED FOR, OF THIS LEASE, FT. 1320' +

18. NO. OF ACRES IN LEASE 2240  
19. PROPOSED DEPTH 2750'  
20. DISTANCE FROM CABLE TOOLS Rotary  
21. APPROX. DATE WORK WILL START 12/15/83

22. ELEVATION (Show whether DF, RT, GR, etc.) GR. EL. 5063'

PROPOSED Casing AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	100+ sx cement circ. to surface
6 3/4"	4 1/2"	10.5#	thru all pay zones - cement to 200' above Kd	

Casing and cementing programs will be adjusted to protect coal resource and fresh water aquifers. A flare will be maintained at the end of the Blooie Line at all times while drilling below 1500', to insure no gas will be missed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat "A<sub>1</sub>" Staking request (PER letter)
- "B" Ten-Point Compliance Program
- "C" Blowout Preventer Diagram
- "D" Multi-Point Requirements for APD
- "E" Route & Distance Road Map
- "F" Access Road and Radius Map of Wells in Area
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- "H" Drill Rig Layout
- "I" Production Facility Layout
- "J" Rehabilitation Plan
- "K" Landowners Agreement

RECEIVED  
DEC 28 1983

DIVISION OF  
OIL, GAS & MINING

10. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: Bob Kaganian TITLE: President DATE: 11/7/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY: Benjamin V. Rhee TITLE: Associate DISTRICT MANAGER DATE: 12/5/83  
REASON FOR APPROVAL, IF ANY:

THIS REAPPROVAL IS SUBJECT TO ALL OF THE CONDITIONS OF APPROVAL  
ORIGINALLY APPROVED ON November 15, 1982.

REC'D. MDONOV 30 1983



UNITED STATES SERVICE  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			2. LEASE DENUMINATION AND SERIAL NO. U-02139		
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR RP ENERGY CORP.			7. UNIT AGREEMENT NAME N/A		
3. ADDRESS OF OPERATOR 11340 W. Olympic Blvd. Ste. 175 LA CA 90064			8. FARM OR LEASE NAME FEDERAL		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1969' FNL, & 886' FWL of Sec. 25 At proposed prod. zone Approximately same.			9. WELL NO. FEDERAL # 25-5		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 17.2 miles Northwesterly of Cisco, Utah.			10. FIELD AND POOL, OR WILDCAT CISCO DOME		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 886'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 25 T20S, R21E, S.L.M.		
16. NO. OF ACRES IN LEASE 2240			12. COUNTY OR PARISH GRAND		
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320' +			13. STATE UTAH		
18. PROPOSED DEPTH 2750'			17. NO. OF ACRES ASSIGNED TO THIS WELL 80		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START 2/5/83		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR. EL. 5063'					

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	100+ sx cement circ. to surface
6 3/4"	4 1/2"	10.5#	thru all pay zones - cement to 200' above Kd	

Casing and cementing programs will be adjusted to protect coal resource and fresh water aquifers. A flare will be maintained at the end of the Blooie Line at all times while drilling below 1500', to insure no gas will be missed.

## EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" Ten-Point Compliance Program
- "C" Blowout Preventer Diagram
- "D" Multi-Point Requirements for APD
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- "H" Drill Rig Layout
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- "J" Rehabilitation Plan
- "K" Landowners Agreement

RECEIVED  
DEC 28 1983DIVISION OF  
OIL, GAS & MINING

IN ADDITIONAL SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED: Bob Kargarian TITLE: President

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY: [Signature]  
CONDITIONS OF APPROVAL, IF ANY:FOR: F.W. DUNN  
TITLE: DISTRICT OIL & GAS SUPERVISORAPPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MININGDATE: NOV 15 1982  
BY: [Signature]

DATE

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

FILING OF RECORD OF  
GAS IS SUBJECT TO REG. 4-A

5282.64'

SCALE

500 0 1000

A horizontal scale bar with markings at 500, 0, and 1000. The bar is divided into segments by vertical lines. The segment between 500 and 0 is shaded with horizontal lines. The segment between 0 and 1000 is unshaded.

STANDARD LOCATION OF  
CLO CORNERS.

CLO CORNERS FOUND.

WELL LOCATION STAKED.

1921 GLO PLAT

SEGO CANYON, UTAH  
QUADRANGLE, USGS

UTAH L.S. NO. 4189

UTAH L.S. NO. 4189

1156 BOOKCLIFF AVE. NO 4  
BRAND JUNCTION CO 8150

SCALE 1" = 1000'

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

RECEIVED

NOV 17 1982

Company N P Energy Corporation Well No. 25-5  
Location Sec. 25, T. 20S, R. 21E Lease No. U-02139

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Supervisor must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

DEC 28 1983

DIVISION OF

OIL, GAS & MINING

4. The spud date will be reported orally to the District Supervisor's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Supervisor's office on a frequency and form or method as may be acceptable to the District Supervisor.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with the U.S. Geological Survey Accounting, P.O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Supervisor. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Supervisor.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.

6. Significant surface values ~~(are)~~ ~~(had been)~~ involved at this location. Accordingly, you ~~(must)~~ ~~(must)~~ notify the Surface Management Agency at least ~~(48)~~ ~~(48)~~ hours prior to commencing field operations to allow the Surface Management Agency office to have personnel present for consultation during the construction of roads and locations.

The Surface Management Agency contact is: E. Lomer Duncan  
Office Phone: (801) 259-8193, Home Phone: \_\_\_\_\_  
City: Moab, State: Utah

The Minerals Management Service office address and contacts are:

Address: 2000 Administration Building, 1745 West 1700 South, SLIC, Utah 84104-3884

Office Phone: (801) 524-4590

District Supervisor E. W. Gynn

Home Phone: (801) 582-7042

District Drilling Engineer W. P. Martens

Home Phone: (801) 466-2780

District Production Engineer R.A. Henricks

Home Phone: (801) 484-2294

Staff Engineer A.M. Raffoul

Home Phone: (801) 967-1221

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operation Standards for Oil and Gas Exploration and Development." This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Supervisor, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NML-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Supervisor's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact the Surface Management Agency 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.

12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

- a. Operator name, address and telephone number.
- b. Well name and number.
- c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
- d. Date well was placed in a producing status.
- e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.
- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13.


SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

N P Energy Corporation  
Well No. 25-5  
Section 25, T.20S., R.21E.  
Grand County, Utah  
Lease U-02139

**Supplemental Stipulations**

- 1) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mancos and/or Dakota formations. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.
- 2) A temperature profile of the well should be run from the surface to T.D. to aid in identification of any potential geothermal resource. This can be accomplished by monitoring the temperature in the return line from the well head periodically while drilling.

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 11 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



# SEED MIXTURE

SPECIES		LBS/AC.
<u>Grasses</u>		
Oryzopsis hymenoides	Indian rice grass	1
Hilaria jamesii	Galleta (curlygrass)	1
<u>Forbs</u>		
Aster chilensis	Pacific aster	1
Helianthus annuus	Common sunflower (Kansas sunflower)	1
Melilotus officinalis	Yellow sweetclover	1
Sphaeralcea coccinea	Scarlet globemallow	1
<u>Shrubs</u>		
Atriplex canescens	Fourwing saltbush (White greasewood)	1
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>
		8

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)

Seeding mixture for NP Energy 25-5, 25-7, 24-6, 18-3, 19-4, 25-6, 17-1, and 15-6.

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# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

### SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

#### Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

#### Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

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EA 341-82

## NOTICE OF STAKING

(Not to be used in place of  
Application to Drill Form 9-331-C)RMOGA  
5/5/82

5. Lease Number

U-02139

1. Oil Well ☒ Gas Well ☒ Other

6. If Indian, Allottee or Tribe Name

2. Name of Operator

NP ENERGY CORP.

7. Unit Agreement Name

N/A

3. Address of Operator or Agent  
Burkhalter Engineering, Agent

588 25 Road, Grand Jct., Colo. 81501

8. Farm or Lease Name

FEDERAL

4. Surface Location of Well

(Governmental 1/4 or 1/4 1/4)

9. Well No.

Federal # 25-5

SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Sec. 25  
( 1969' FNL, 761' FWL )Attach: Topographical or other acceptable map  
showing location, access road, and lease boundaries.

10. Field or Wildcat Name

Cisco Dome

14. Formation Objective(s)

Test formations down  
thru the Curtis-  
Summerville

15. Estimated Well Depth

2800' +

11. Sec., T., R., M., or  
Blk and Survey or Area

Sec. 25, T. 20S., R. 21E., SLM

12. County or Parish

Grand County,

13. State

Utah

16. To Be Completed by Operator Prior to Onsite

a. Location must staked

b. Access Road Flagged

c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills  
(To be provided at onsite)

17. To Be Considered By Operators Prior to Onsite

a. H<sub>2</sub>S Potential

b. Private Surface Ownership

c. Cultural Resources (Archaeology)

d. Federal Right of Way

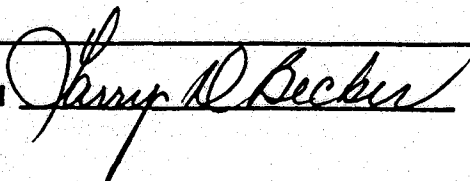
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18. Additional Information

19. Signed



Title

Consulting Agent

Date

5-24-82

EXHIBIT "B"  
TEN-POINT COMPLIANCE PROGRAM OF NTL-6  
APPROVAL OF OPERATIONS

NP ENERGY CORPORATION  
Federal # 25-5  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec 25, T20S, R21E, SLM  
Grand County, Utah

1. Geologic Surface Formation

The surface formation is Mancos.

2. Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Mancos	0
Dakota	1905'
Cedar Mountain	1955'
Morrison, Brushy Creek	2040'
Morrison, Salt Wash	2340'
Curtis-Summerville	2595'
Entrada	2635'

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3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Fluids or Minerals</u>
Dakota	1930'	Gas and/or Coal
Cedar Mountain	2000'	Gas and/or Water
Morrison, Brushy Creek	2090'	Gas and/or Oil and/or Water
Morrison, Salt Wash	2470'	Gas and/or Oil and/or Water
Curtis-Summerville	2610'	Oil

4. Proposed Casing Program

Surface Casing:

- (a) Drill 12 1/4" hole to 200' and set 8 5/8" 24.0-lb. cemented to surface.
- (b) Drill 6 3/4" hole to TD and set 4 1/2" 10.5-lb. with 150 sx RFC cemented through all pay zones, cemented to 200' above the top of the Dakota formation.

5. Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in this well. The BOP's will be

hydraulically tested to 1000 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each trip. All tests will be recorded in the daily drilling report. Accessories to BOP's include Kelly Cock, safety valve, drill string BOP and choke with pressure rating equivalent to the BOP stack.

6. Type and Characteristics of Proposed Muds

The well will be drilled with air mist. If water is encountered, then air-soap-water mist will be used. In the event of caving problems conversion to mud drilling will be necessary. Two hundred + barrels of mud will be mixed and ready, if needed to kill well or logging operations.

7. Auxiliary Equipment to be Used

- (a) Kelly Cock will be kept in the string.
- (b) A full opening stabbing valve will be on the floor for use, when the Kelly is not in the string.
- (c) A float will be run at the bit.
- (d) Monitoring equipment will be installed and used on the mud system.

8. (a) Drill stem tests are not planned at this time.
- (b) The logging program will consist of a dual-induction-laterolog run from bottom to the top of the hole; and a gamma-density and compensated neutron porosity log will be run from bottom to 200' above the Dakota formation. This program will locate and identify any coal beds in the Dakota.
- (c) No coring is planned.
- (d) Drilling samples will be caught at 30' intervals BSC to 1850'; from 1850' to TD samples at 10' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

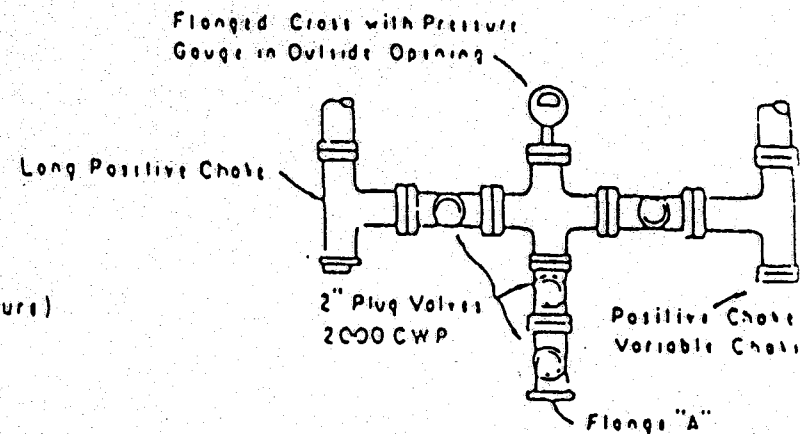
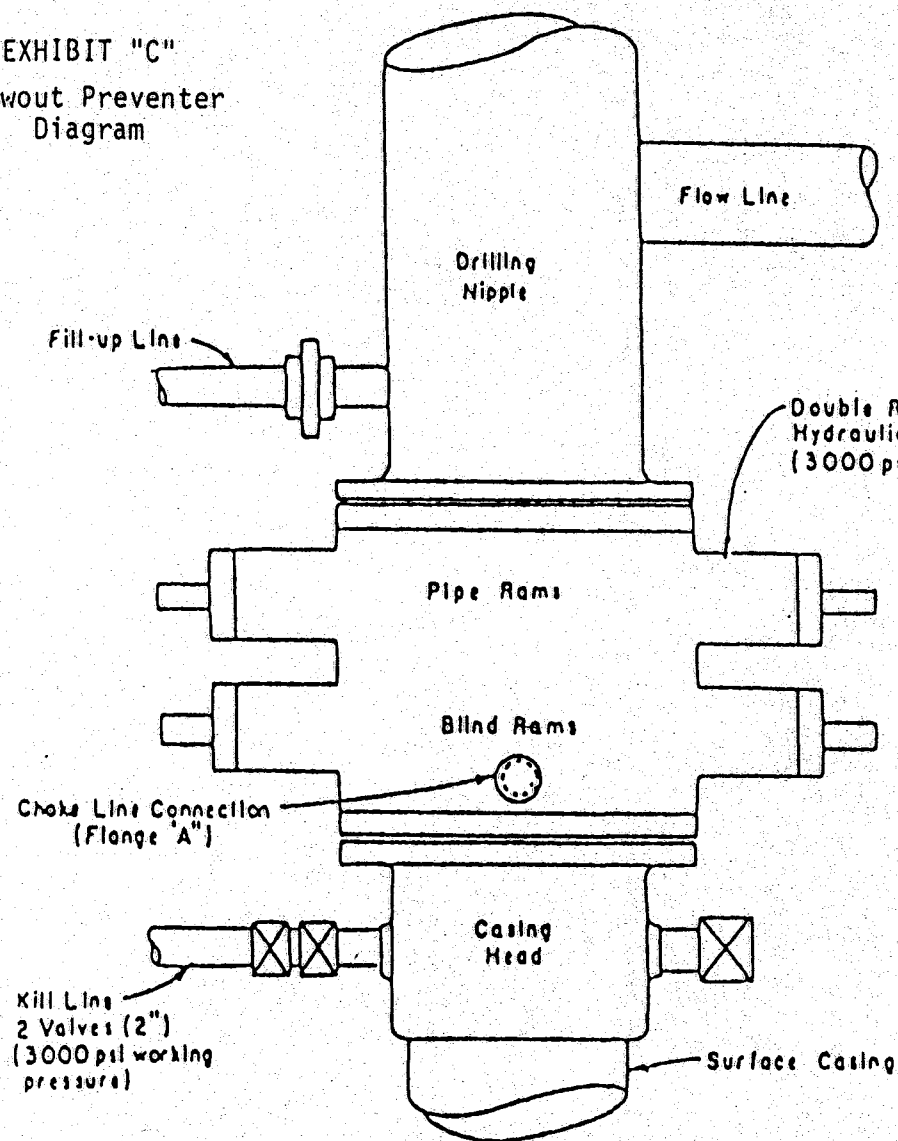
No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been encountered in the area and none are anticipated. The temperature will be monitored in the return line to provide a temperature profile from surface to TD to aid in geothermal resource research.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is August 22, 1982.

Drilling operations should be completed 6 to 7 days after spudding.

EXHIBIT "C"  
Blowout Preventer  
Diagram



PLAN VIEW - CHOKE MANIFOLD

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EXHIBIT "D"  
MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

NP Energy Corporation  
Federal # 25-5  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec 25, T20S, R21E, SLM  
Grand County, Utah

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1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Energy Surveys & Engineering Corp; staking included two 200' reference points with elevations and elevation of location.
- B. Exhibit "E" is the route and distance map. The location is a total of 17.2 miles Northwesterly from Cisco, Utah. To reach the location travel Southwesterly from the Cisco Post Office 3.8 miles to a "T" intersection (this point is 1.6 miles Southeasterly of Exit 128 off Inter- state 70); turn right onto Grand County 40' gravel road (Cunningham Ranch Road) and go Northerly 11.7 miles (across the railroad tracks and under I-70) to a "Y" intersection; turn left and go Westerly for 0.3 mile to a "Y" intersection; turn left and go Westerly for 0.1 mile to a "Y" intersection; turn right and go Westerly for 0.9 mile to an existing location, which is the beginning of the proposed access road to be constructed; turn left and go Southerly 0.4 mile on the flagged access road to the location.
- C. Exhibit "F" is an enlarged copy of a portion of the Sego Canyon, Utah, Quadrangle and shows the access road into the location. The green color shows the existing road into the location. The red color indicates new road construction required to reach the location.
- D. All known existing roads appear on Exhibits "E" and "F".
- E. All roads to the beginning of the access to be constructed are in good condition and are carrying truck traffic regularly. Occasional maintenance blading will keep roads in good condition.

2. Planned Access Roads

The proposed access to be constructed is 0.4 mile in length and will be 16' in width. Construction will be to Class 3 Road Standards. The proposed road goes Southeasterly across a wash over to the Federal # 25-5 location, at the base of a slope.

- (1) The typical section of the proposed access road will be 16' in width.
- (2) Maximum grade will be 8% or less.
- (3) One turnout will be required.
- (4) No culverts are required.
- (5) Drainage will be carried in bar ditches to natural drainage courses.
- (6) Road surface material will be that native to the area.
- (7) No gates will be required.
- (8) The proposed access road was flagged at the time of the on-site meeting.

The operator or his contractor will notify B.L.M. Office in Moab, Utah (phone 801/259-6111) at least 48 hours prior to commencement of any work on this location or roadway.

### 3. Location of Existing Wells

For all existing wells within a one-mile radius of this development well, see Exhibit "F".

- (1) There are no water wells.
- (2) There are no abandoned wells.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no drilling wells.
- (6) There are two producing wells: 23-4, 26-1 (as shown on Exhibit "F")
- (7) There are no shut-in wells.
- (8) There are no injection wells.
- (9) There are no monitoring wells or observation wells.

### 4. Location of Existing and/or Proposed Facilities

A. Within a one-mile radius of this location are the following existing facilities owned or controlled by lessee/operator:

- (1) Tank batteries - none
- (2) Production facilities - 23-4, 26-1
- (3) Oil gathering lines - none
- (4) Gas gathering lines are under control of Northwest Pipeline Co.
- (5) Injection lines - none
- (6) Disposal lines - none

B. (1) Exhibit "I" shows all anticipated production facilities.



- B. (2) The dimensions of production facilities shown on Exhibit "I" are drawn to a scale of 1" = 50'.
- (3) That portion of the location to be used for production will be leveled for placement of production equipment. Tank batteries will be placed on 3" gravel pad and enclosed within a 4-foot fenced berm which will be at least 15' from any tank. The berm will have a volume in excess of 110% of the volume of the tank battery. The unloading valve will be placed within the berm connected to the truck loading stand with a buried line. An oil sump will be placed around the truck loading stand, consisting of a gravel-filled barrel to catch any spilled oil during the loading operation. Tanks will be painted a neutral color to blend with the area; the B.L.M. will specify the color.

Separators, heater/treaters and meter houses will be placed on gravel pads or concrete bases, and will be painted the same color as the tanks.

Pump-jacks will be placed on concrete bases, or on raised earthen mounds covered with gravel.

- (4) A 6'x6' blow-down pit will be fenced using 36" wovenwire with one barbed-wire above. If oil is present, the pit will be flagged to provide wildlife protection.
- (5) The proposed pipeline will be buried in the access road. The pipeline will be protected by wrapping where it crosses the roadway.
- C. Rehabilitation, whether the well is productive or not, will be made on the unused areas as soon as practical in accordance with the restoration plans presented in Item 10 following.

5. Location and Type of Water Supply

- ✓ A. Water will be trucked from Nash Wash at the Cunningham Ranch 1.3 miles Northeasterly of the location, as shown on Exhibits "E" and "F".
- B. Water will be trucked over the approved access road by oilfield water trucks.
- C. No water well is planned.

6. Source of Construction Materials

A., B., C., D.

No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads from Cisco area. No special access other than for drilling operation is needed.

7. Methods for Handling Waste Disposal

- (1) Drill cuttings will be buried in the blooie pit when covered.
- (2) Drilling fluids will be contained in steel mud pits and the blooie pit. These fluids will be disposed of in the blooie pit.
- (3) Any hydrocarbon liquids produced while drill stem testing or production testing will be contained in a test tank set near the pipe baskets or near the wellhead. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.
- (4) Portable chemical toilets will be provided and serviced by a local commercial sanitary service.
- (5) Garbage and trash will be collected in a trash cage and its contents hauled to a sanitary landfill.
- (6) Previous to commencement of drilling, the blooie pit will be fenced on three sides using 36" woven wire with one strand of barbed-wire above. When drilling activities are completed it will be fenced on the fourth side and allowed to dry (if liquids are present). Otherwise, reclamation procedures will commence to rehabilitate and reseed the disturbed areas outside of the area needed for production. See Item 10 for other rehabilitation requirements.

8. Ancillary Facilities

No air strips, camps, or other living facilities will be built off the location. Housing and office trailers will be on the location as seen on Exhibit "H".

9. Well Site Layout

- (1) Exhibit "G" is the Drill Pad Layout as staked by Energy Surveys & Engineering Corp. Cut and fill contours have been drawn on this plat. Topsoil, surplus material, trees and brush to be stockpiled have been shown. The topsoil stockpile will contain 8 inches of topsoil.

Exhibit "G," shows the cut/fill cross-sections as taken from Exhibit "G".

- (2) (3) The mud tanks, blooie pit, trash cage, chemical toilet, pipe racks, living facilities, rig orientation, parking areas and access road are all shown on Exhibit "H".
- (4) The blooie pit will have a cleared area around its outside perimeter of a dozer width taken to mineral soil as a fire control measure. The blooie pit will not be lined.

10. Plans for Restoration

- (1) Backfilling, leveling, and recontouring will be accomplished as soon as possible after plugging of the well, or on those unused areas if production is obtained. Rehabilitation work will commence within 90 days of completion of this well. Waste disposal and spoils materials will be buried or hauled away.
- (2) All disturbed areas will be scarified with the contour to a depth of 12 inches. The stockpiled topsoil will be evenly distributed over the disturbed area to be rehabilitated. A seed mixture stipulated by the Grand Resource Area in Moab will be broadcast over the rehabilitated areas. A harrow-type implement will be drug over the seed bed to insure seed cover. The stockpiled trees and brush will be spread over the reseeded area and crushed by walking over them with a dozer.
- (3) Three sides of the reserve pit will be fenced prior to drilling. Upon completion the fourth side will be fenced until rehabilitation necessitates removal.
- (4) Any oil spills will be immediately reported, and cleaned up or flagged.
- (5) Rehabilitation operations will commence as soon as practical and in no event will commence later than 90 days after completion of the well. All recontouring, rehabilitation, reseeded will continue until completed unless so directed by the B.L.M.

- (6) The Grand Resource Area in Moab, Utah, will be called at least 48 hours before work begins on the rehabilitation program.

11. Other Information

- (1) Topographic and Geologic Features of the area (reference Topographic Map "F"):

The location lies at the base of a Northerly slope. An old dry hole market lies to the West. Proper casing and cementing will be installed on this dry hole to prevent blow-out.

The flora of the area consists of shadscale, rabbit brush and foxtail.

The fauna of the area consists of horses, cattle, deer, coyotes, rabbits, rodents, raptors and songbirds.

- (2) The surface ownership is Federal. The surface use is grazing and petroleum production.
- (3) (a) The nearest live water is Nash Wash, 0.4 air mile Northeasterly of the location, as shown on Exhibit "F".  
(b) The nearest occupied dwelling is the Cunningham Ranch Headquarters, 2.7 air miles from the location, as shown on Exhibits "E" and "F".  
(c) An archaeological report by Grand River Consultants is being sent under separate cover.
- (4) There are no reported restrictions or reservations noted on the oil and gas lease.
- (5) Horse pasture restrictions stipulate that no construction activity will occur from November 1 through March 31.

12. Lessee's or Operator's Representative

Bob Kazarian - President  
NP Energy Corporation  
11340 W. Olympic Blvd. Ste. 175  
LA CA 90064

Telephone (213) 477-5505

Dan Green - Operations Supervisor  
NP Energy Corporation  
2680 B 1/2 Road  
Grand Junction, CO 81503

Telephone (303) 241-5456

EXHIBIT "D"

Page 7

Federal # 25-5

12. Lessee's or Operator's Representative

Bob Kazarian - President  
NP Energy Corporation  
11340 W. Olympic Blvd.  
Los Angeles, CA 90064

Telephone (213) 477-5504

Dan Green - Operations Supervisor  
NP Energy Corporation  
2680B1/2 Road  
Grand Junction, CO 81503

Telephone (303) 241-5456

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by NP Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/29/82

DATE

Bob Kazarian

REPRESENTATIVE

[illegible][illegible]

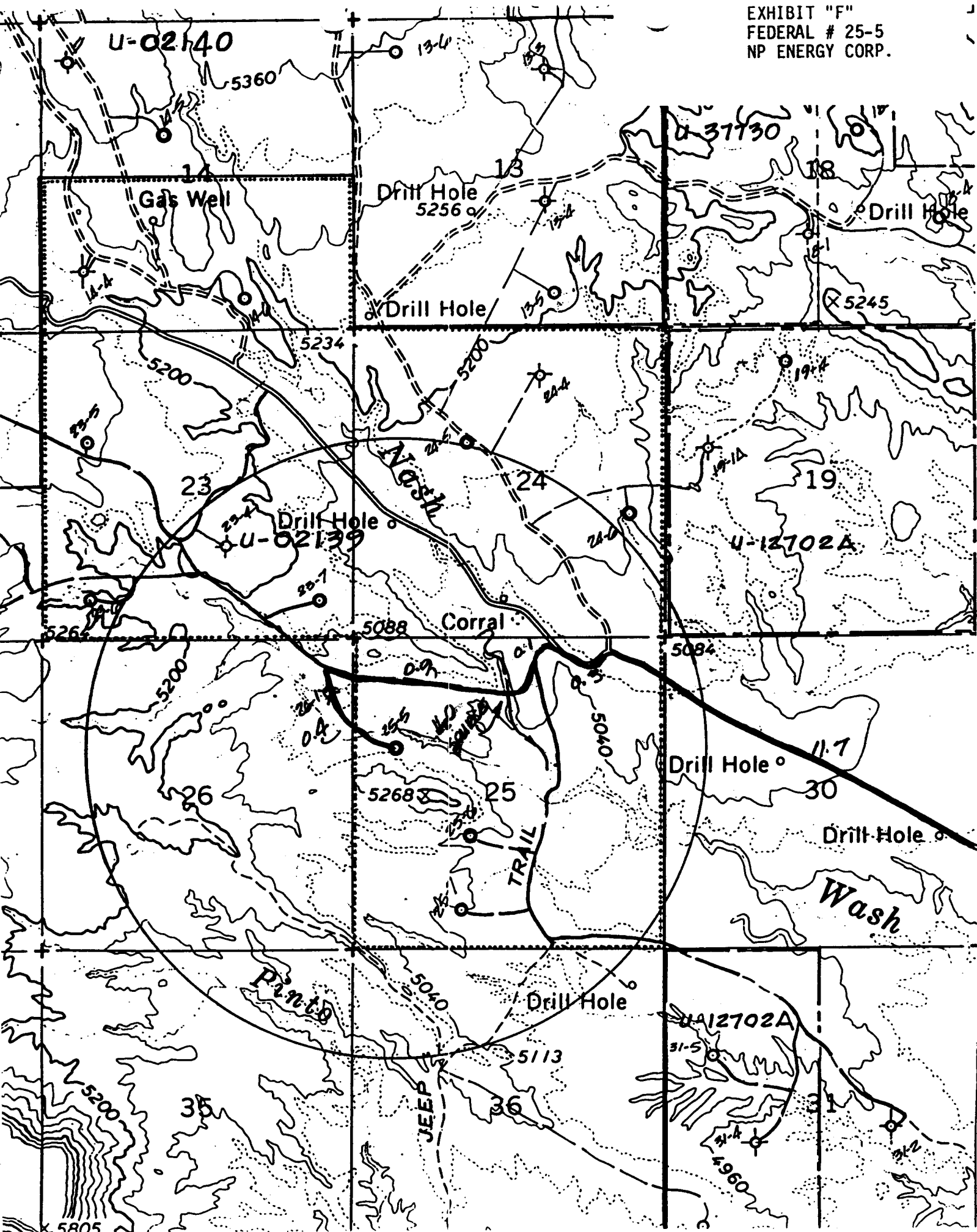
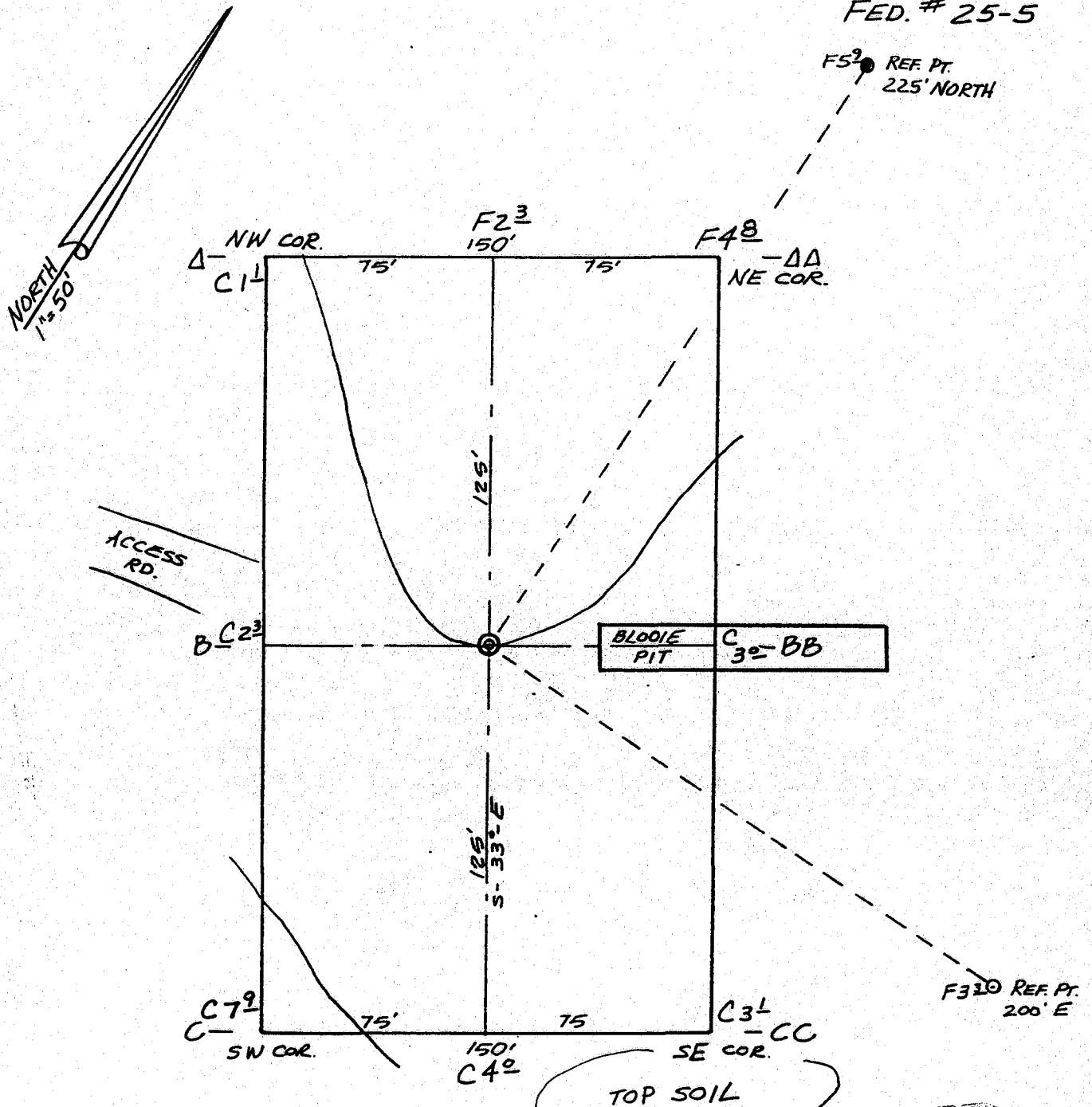


EXHIBIT 'G'  
PIT & PAD LAYOUT  
FED. # 25-5



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NP ENERGY CORP.  
FED. # 25-5

ESTIMATED YARDAGE

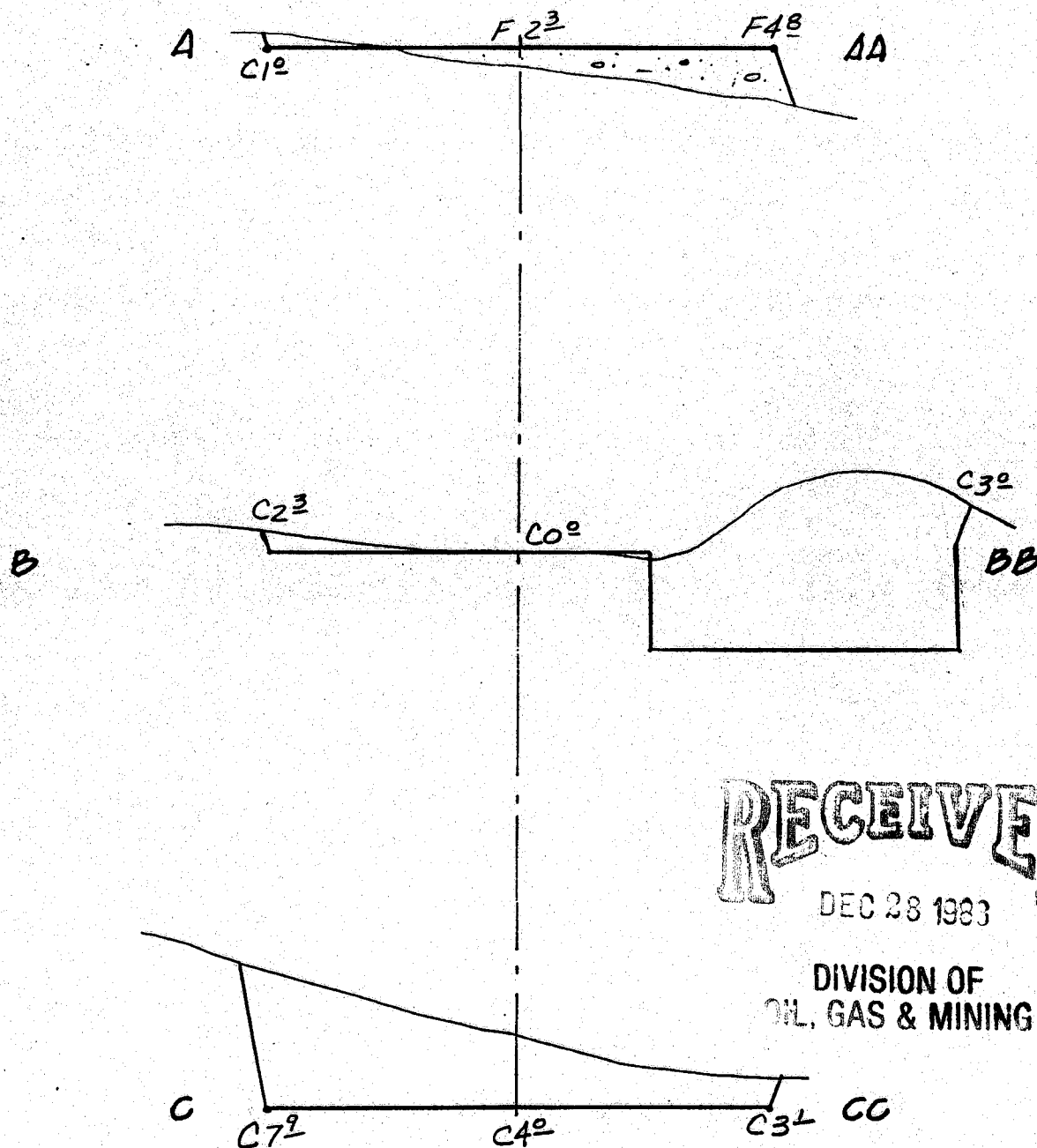
CUT 2850 C.Y.  
FILL 850 C.Y.  
TOP SOIL 1200 C.Y.

PREPARED BY ENERGY SURVEYS & ENGINEERING CORP.



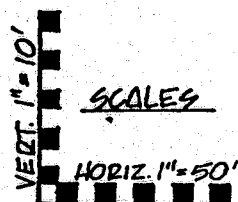
EXHIBIT G<sub>1</sub>

CROSS-SECTIONS  
OF PIT & PAD ON THE  
FEDERAL # 25-5



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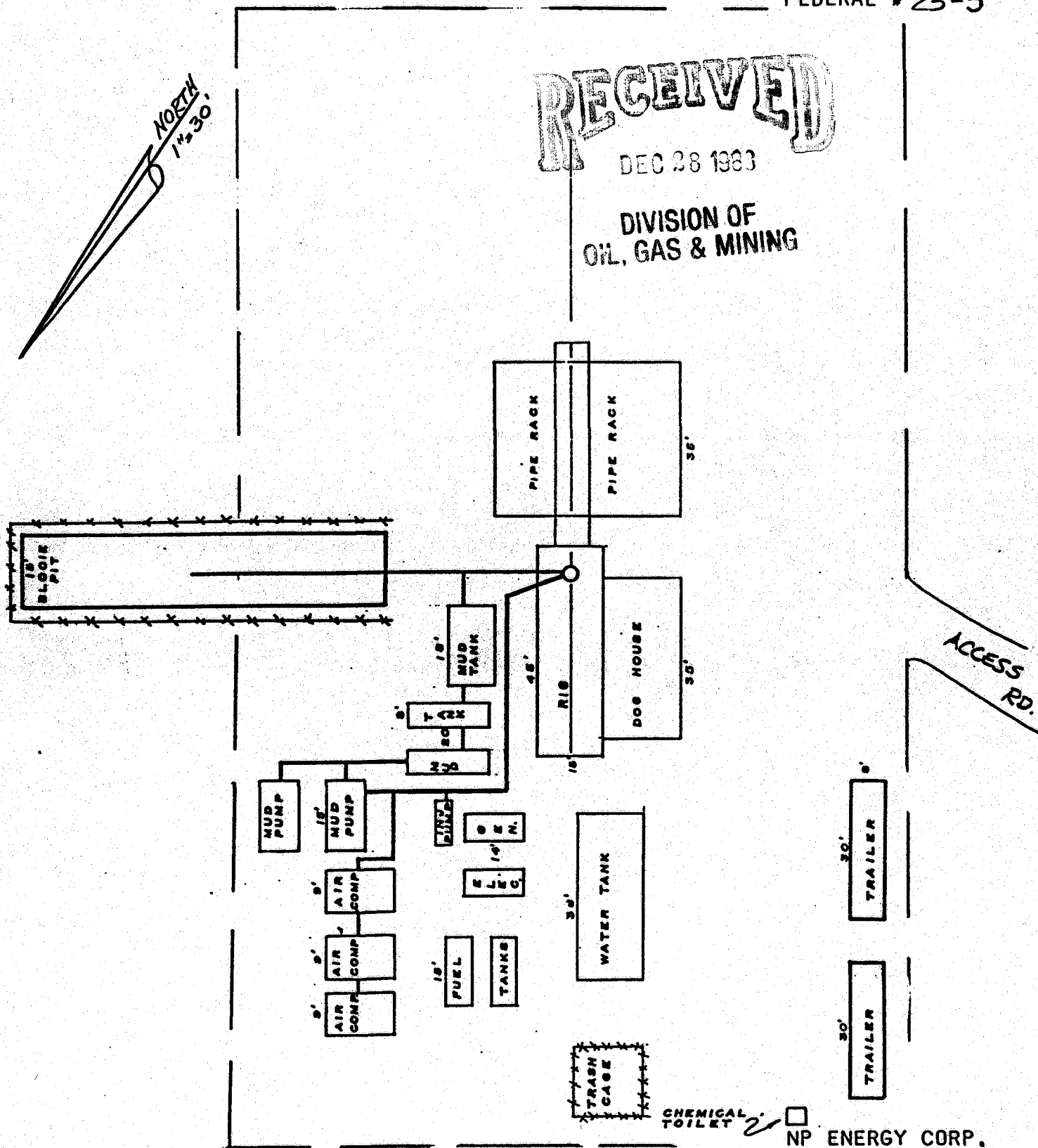
DIVISION OF  
OIL, GAS & MINING



ND ENERGY CORP.  
FED. # 25-5  
GRAND COUNTY, UTAH

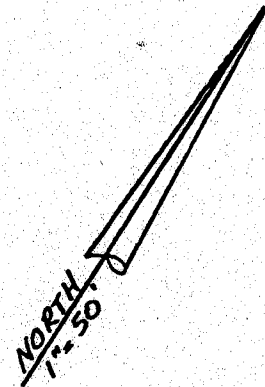
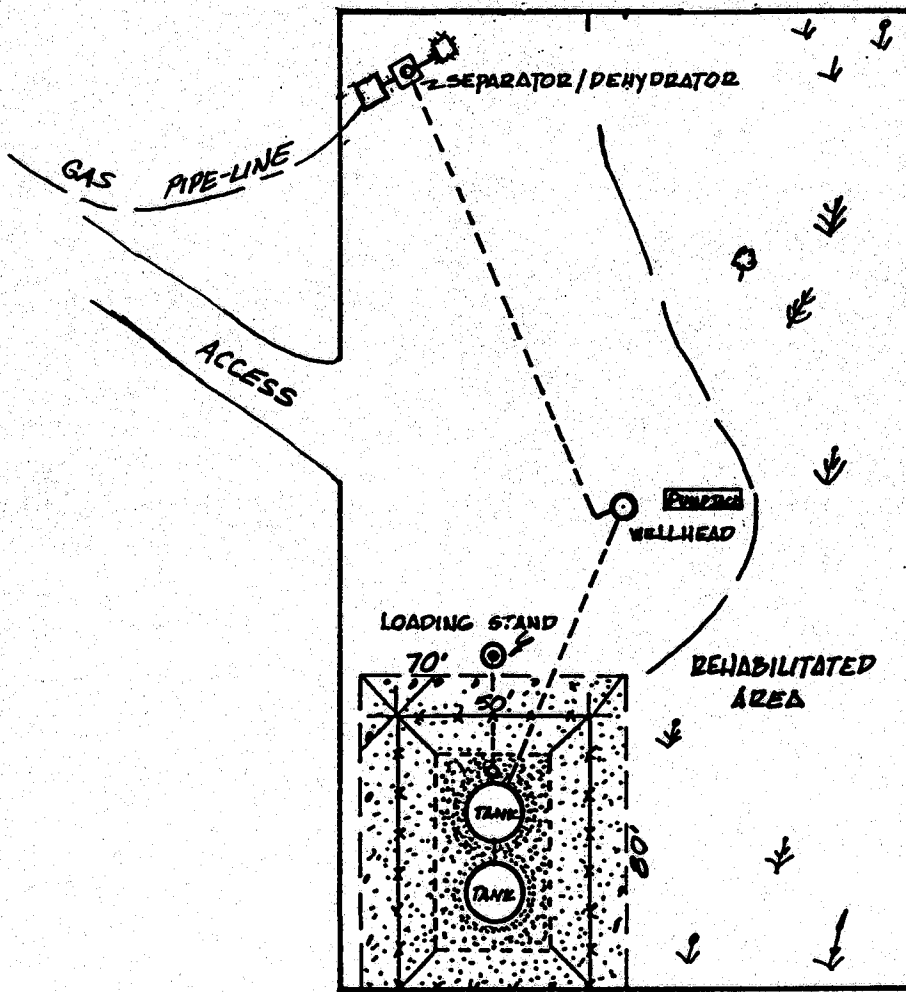
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NP ENERGY CORP.  
FEDERAL # 25-5  
GRAND COUNTY, UTAH

EXHIBIT I  
PRODUCTION FACILITIES  
FEDERAL # 25-5



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DIVISION OF  
OIL, GAS & MINING

NP ENERGY CORP.  
FEDERAL # 25-5  
GRAND COUNTY, UTAH

PREPARED BY  
ENERGY SURVEYS & ENGINEERING CORP.

OPERATOR NP Energy Corp DATE 12-28-83  
WELL NAME Federal 25-5  
SEC SW NW 25 T 20S R 21E COUNTY Grand

43-019-31125  
API NUMBER

fed  
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

No wells within 1320'

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

✓ 1/3/84 CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☒

c-3-a

☐

c-3-b

☐

c-3-c

102-1613 11/15/78  
CAUSE NO. & DATE

SPECIAL LANGUAGE:

Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☒ ORDER 102-16 B

☐ UNIT \_\_\_\_\_

☐ c-3-b

☐ c-3-c

BA: \_\_\_\_\_  
DATE: \_\_\_\_\_  
OIL, GAS, AND MINING  
OF UTAH DIVISION OF  
APPROVED BY THE STATE

☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

January 3, 1984

NP Energy Corp.  
11340 W. Olympic Blvd.  
Los Angeles, CA 90064

RE: Well No. Federal 25-5  
SWNW Sec. 25, T. 20S, R. 21E  
1969' FNL, 886' FWL  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Amended Cause No. 102-168 dated 11-15-79. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following.

R. J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31125.

Sincerely,



R. J. FIRTH  
CHIEF PETROLEUM ENGINEER

RJF/gl  
cc: Branch of Fluid Minerals  
Enclosures

3162 (U-065)  
(U-02139)

Moab District  
P. O. Box 970  
Moab, Utah 84532

21 JAN 1985

NP Energy Corp.  
11340 West Olympic Blvd., Ste. 175  
Los Angeles, CA 90064

Re: Rescinding Application for  
Permit to Drill  
Well No. Federal 25-5  
Sec. 25, T. 20 S., R. 21 E.  
Grand County, Utah  
Lease U-02139

Gentlemen:

The Application for Permit to Drill the referenced well was approved on December 5, 1983. Since that date, no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely,

/S/ GENE NODINE

District Manager

cc:  
State of Utah, Division of Oil, Gas and Mining ✓  
Grand Resource Area

bcc:  
U-942, Utah State Office

CFreudiger/cf 1/17/85



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 1, 1985

NP Energy Corporation  
11340 West Olympic Boulevard, Suite 175  
Los Angeles, California 90064

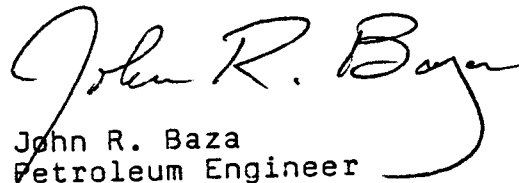
Gentlemen:

Re: Well No. Federal 25-5 - Sec. 25, T. 20S., R. 21E.  
Grand County, Utah - API #43-019-31125 - Lease #U-02139

In concert with action taken by the Bureau of Land Management, January 21, 1985, approval to drill the above referred to well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

  
John R. Baza  
Petroleum Engineer

clj

cc: Dianne R. Nielson  
Ronald J. Firth  
File

0087S/9